



ecology and environment, inc.

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International Specialists in the Environment

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April 11, 1988

Mr. Jeff Larson
Division of Land Pollution Control
Illinois Environmental Protection Agency
2200 Churchill Road
P.O. Box 19276
Springfield, IL 62794-9276

Dear Jeff:

In accordance with your phone request Ecology and Environment, Inc. has prepared a cost estimate for scoring eight of the twelve Dead Creek Project (DCP) sites (G, H, I, L, M, O, Q and R) using the HRS II model when promulgated. As described in the proposal to implement a revised scope of work (August, 1984), investigations at DCP Sites J, K, N, and P were limited to preliminary sampling in order to characterize wastes. In view of this, there is insufficient data to complete HRS scoring for these sites at this time.

The cost estimate is based upon E & E's best understanding of what the U.S. EPA will include in the revised HRS model. The actual costs for the work could change if the U.S. EPA changes the model substantially from what they have indicated to be their intended model.

The scope of work for the HRS scoring is presented below.

Task 1

E & E will assemble the data specific to the site to be HRS scored. The data will include all information currently on file from background file search activities of the DCP and additional information that may be required to satisfy the HRS II model requirements. The estimate is based on the assumption that data requirements will not be substantially different from the HRS I model and that no travel will be required to acquire any additional information required.

Task 2

E & E will score each of twelve sites, using the new HRS II model when promulgated. E & E will meet with U.S. EPA staff members to discuss HRS II model changes which may affect DCP site scoring. Where site grouping may result in a higher score and/or inclusion on the National Priority List, E & E will preliminary score the applicable sites both separately and grouped to determine the method that will achieve the highest HRS score. In preparing the HRS scoring package E & E staff will use its

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extensive knowledge of the HRS documentation requirements to assure that the HRS packages include all documentation requirements defined by the U.S. EPA.

Task 3

E & E will conduct quality assurance reviews of each of the HRS scoring packages. The reviews will examine scoring approach, procedures, calculations, and documentation. The review will be designed to assure that each HRS score is as complete and accurate as possible.

Project Cost Estimate

The estimated cost to provide the services as described in the scope of work summary is \$50,803.50. A detailed cost breakdown by task and cost element is shown on the attached sheet. These costs were projected using current approved labor and indirect rates for the Dead Creek Project. Following your review, please contact me with any questions you may have or any intentions the agency has regarding this proposal.

Very truly yours,

ECOLOGY AND ENVIRONMENT, INC.



Michael L. Miller, P.E.
0492:4

Ecology & Environment
Estimated Direct Hours and Costs
Client: IEPA
Dead Creek

Task 1 Assemble & Review HRS Data
Task 2 Complete HRS Scoring
Task 3 QA Review

Labor Rate
Per Hour

Principal
Chief
Senior
Associate
Junior
Technician
Ass't Technician
Secretary

Totals 1 2 3

40	5	32	2
80	0	0	80
680	100	680	0
30	10	70	0
0	0	0	0
30	0	80	0
0	0	0	0
0	0	0	0

TOTAL HOURS

9.0 116 762 82

1) Total Labor Dollars		\$16,474.00	\$2,052.00	\$12,576.00	\$1,826.00
2) Fringe (Included in Labor Rates)	25.0%	4,118.50	513.70	3,147.00	456.50

3) Total Labor Cost		\$20,592.50	2,565.00	15,745.00	2,282.50
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Overhead Rate —————>

65.0% 65.0% 65.0%

4) Overhead		13,385.00	1,667.00	10,234.00	1,484.00
5) Travel		0.00	0.00	0.00	0.00
6) Other Direct Costs		1,055.00	100.00	880.00	75.00
7) Computer Usage (EME)		600.00	0.00	600.00	0.00

8) Subtotal		\$35,632.50	4,332.00	27,469.00	3,841.50
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9) S J & A	29.00%	9,978.00	1,213.00	7,689.00	1,076.00
10) Subcontractors		0.00	0.00	0.00	0.00

11) Subtotal		\$45,610.50	5,545.00	35,148.00	4,917.50
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12) Drilling (EME)		0.00	0.00	0.00	0.00
13) Laboratory Analysis (EME)		0.00	0.00	0.00	0.00
14) Equipment Usage (EME)		0.00	0.00	0.00	0.00

15) Subtotal		\$45,610.50	5,545.00	35,148.00	4,917.50
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17) Fee on Labor	13.0%	5,083.00	626.00	3,359.00	598.00
18) Fee on Other Direct Costs	5.0%	110.00	7.00	98.00	5.00

19) TOTAL PRICE		\$50,803.50	\$6,178.00	\$39,105.00	\$5,520.50
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